

WHAT IS CLAIMED IS:

1. A liquid container comprising:

a liquid storing unit storing a liquid to be supplied to a liquid ejection head; and

5 a waste liquid storing unit recovering and storing the liquid passing through the liquid ejection head as a waste liquid,

the waste liquid storing unit including:

10 a waste liquid storing chamber holding the waste liquid; and

a waste liquid passage guiding the waste liquid to the waste liquid storing chamber,

15 wherein the waste liquid passage is configured such that at least a part thereof is positioned above a liquid level of the liquid stored the liquid storing unit in a gravity direction in each position when the liquid container is positioned so as to direct in a plurality of directions with respect to the gravity direction.

20 2. The liquid container according to claim 1, wherein the waste liquid passage includes a waste liquid absorber which absorbs and holds a waste liquid therein.

3. The liquid container according to claim 1, wherein
25 the waste liquid passage is formed by a groove provided

on a case of the liquid container and a film covering an opening of the groove.

4. . . . The liquid container according to claim 3, wherein
5 the case takes a box shape having one side opened,

the groove is formed by partitioning an inner part of the case with a wall face, and

the waste liquid storing chamber is formed by covering with the film a waste liquid storing portion
10 which is simultaneously partitioned with the wall face.

5. The liquid container according to claim 4, wherein the film forming the waste liquid storing chamber is integrated with the film forming the waste liquid passage.

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6. The liquid container according to claim 1, wherein the waste liquid passage is formed by a flexible tube.

7. The liquid container according to claim 1, wherein
20 the waste liquid passage includes a valve device therein.

8. The liquid container according to claim 1, wherein the waste liquid passage has a volume of 10% or less of a volume of the liquid storable in the liquid storing
25 unit.

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9. The liquid container according to claim 2, wherein the waste liquid passage is formed by a groove provided on a case of the liquid container and a film covering an opening of the groove.

10. The liquid container according to claim 9, wherein the case takes a box shape having one side opened,

the groove is formed by partitioning an inner part of the case with a wall face, and

the waste liquid storing chamber is formed by covering with the film a waste liquid storing portion which is simultaneously partitioned with the wall face.

11. The liquid container according to claim 10, wherein the film forming the waste liquid storing chamber is integrated with the film forming the waste liquid passage.

12. The liquid container according to claim 2, wherein the waste liquid passage is formed by a flexible tube.

13. The liquid container according to claim 2, wherein the waste liquid passage includes a valve device therein.

14. The liquid container according to claim 2, wherein

the waste liquid passage has a volume of 10% or less of a volume of the liquid storable in the liquid storing unit.

5 15. The liquid container according to claim 3, wherein the waste liquid passage includes a valve device therein.

16. The liquid container according to claim 3, wherein the waste liquid passage has a volume of 10% or less of
10 a volume of the liquid storable in the liquid storing unit.

17. The liquid container according to claim 6, wherein the waste liquid passage includes a valve device therein.

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18. The liquid container according to claim 6, wherein the waste liquid passage has a volume of 10% or less of a volume of the liquid storable in the liquid storing unit.

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19. A liquid ejection apparatus having a liquid container comprising a liquid storing unit storing a liquid to be supplied to a liquid ejection head and a waste liquid storing unit recovering and storing the
25 liquid passing through the liquid ejection head as a waste

liquid,

the waste liquid storing unit including:

a waste liquid storing chamber holding the waste liquid; and

5 a waste liquid passage guiding the waste liquid to the waste liquid storing chamber,

wherein the waste liquid passage is configured such that at least a part thereof is positioned above a liquid level of the liquid stored the liquid storing unit in
10 a gravity direction in each position when the liquid container is positioned so as to direct in a plurality of directions with respect to the gravity direction.